



Plastic Mold Cleaner (AFCO 3362)

Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 12/30/2014

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Plastic Mold Cleaner (AFCO 3362)

Product Code: AFCO 3362

Intended Use of the Product

Use of the Substance/Mixture: Low foaming neutral cleaner for spray washing of plastic molds. For professional use only.

Name, Address, and Telephone of the Responsible Party

Company

Alex C. Fergusson, LLC.
800 Development Avenue
Chambersburg, PA 17201
T 800-345-1329
www.afcocare.com

Emergency Telephone Number

Emergency number : 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 3 H316

Eye Irrit. 2A H319

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : H316- Causes mild skin irritation.
H319- Causes serious eye irritation.

Precautionary Statements (GHS-US) : P264 - Wash hands, forearms, and exposed areas thoroughly after handling..
P280 - Wear eye protection, protective clothing, protective gloves.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+ P313- If eye irritation persists: Get medical advice/attention.

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Name	Product identifier	% (w/w)	Classification (GHS-US)
Sodium bicarbonate	(CAS No) 144-55-8	70-80	Eye Irrit. 2B, H320
Sodium hexametaphosphate	(CAS No) 68915-31-1	10-20	Not classified
Pentasodium triphosphate	(CAS No) 7758-29-4	5 - 10	Not classified
Alcohols, C8-10, ethers with polyethylene-polypropylene glycol monobenzyl ether	(CAS No) 68154-99-4	1-5	Skin Irrit. 2, H315 Eye Dam. 1, H318

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Benzyl-polyethylene Glycol tert-octyl phenyl ether	(CAS No) 60864-33-7	1-5	Skin Irrit. 2, H315 Eye Irrit. 2B, H320
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Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Not a likely source of exposure.

Skin Contact: Causes mild skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Not a likely source of exposure.

Most Important Symptoms and Effects Both Acute and Delayed

General: Not likely to cause any symptoms or effects.

Inhalation: Not likely to cause any symptoms or effects.

Skin Contact: Causes mild skin irritation

Eye Contact: Causes serious eye irritation.

Ingestion: Not likely to cause any symptoms or effects.

Chronic Symptoms: Not likely to cause any symptoms or effects.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Not applicable

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Reactivity: None

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: None.

Protection During Firefighting: None usually needed.

Hazardous Combustion Products: None

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures:

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: None

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain and collect as any solid. Avoid generation of dust during cleanup of spills.

Methods for Cleaning Up: Recover the product by vacuuming, shoveling, or sweeping. Avoid generation of dust during clean-up of spills.

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Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed:

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in dry area at 40-100F. Keep container closed when not in use. Store away from incompatible materials.

Incompatible Materials: Acids

Specific End Use(s)

Low foaming neutral cleaner for spray washing of plastic molds. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment:



Materials for Protective Clothing: None usually needed.

Hand Protection: Rubber gloves.

Eye Protection: Goggles.

Skin and Body Protection: None usually needed.

Respiratory Protection: None needed.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Powder
Appearance	:	White
Odor	:	None
Odor Threshold	:	Not available
pH(1%)	:	8.2
Relative Evaporation Rate (butyl acetate=1)	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	Not available
Flash Point	:	None
Auto-ignition Temperature	:	Not available
Decomposition Temperature	:	Not available
Flammability (solid, gas)	:	Not flammable
Lower Flammable Limit	:	Not available
Upper Flammable Limit	:	Not available
Vapor Pressure	:	Not available

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Relative Vapor Density at 20 °C	: Not available
Specific Gravity	: Not available
Solubility	: Water: Complete
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: None

Incompatible Materials: Acids

Hazardous Decomposition Products: None

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects – Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified. pH(1%) : 8.2

Serious Eye Damage/Irritation: Not classified. pH(1%) : 8.2

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Not classified.

Symptoms/Injuries After Skin Contact: Causes mild skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Not classified.

Chronic Symptoms: Not classified.

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data:

Sodium hexametaphosphate (68915-31-1)	
LD50 Oral Rat	>2000 mg/kg
Sodium bicarbonate (144-55-8)	
LD50 Oral Rat	4220 mg/kg
Pentasodium triphosphate (7758-29-4)	
LD50 Oral Rat	3100 mg/kg
LD50 Dermal Rabbit	> 7940 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology – General: Not classified

Ecology – Water: Not classified

Sodium hexametaphosphate (68915-31-1)	
LC50 Fish 1	>100 mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss (rainbow trout))

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EC50 Daphnia	>485 mg/l (Exposure time: 48h - Species: Daphnia magna)
Sodium bicarbonate (144-55-8)	
LC50 Fish 1	8250-9000 mg/l (Exposure time: 96 h)
EC50 Daphnia	2350 mg/l (Exposure time: 48h)

Persistence and Degradability Not available

Bioaccumulative Potential Not available

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Ecology – Waste Materials: Not classified.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT Not regulated for transport.

14.2 In Accordance with IMDG Not regulated for transport.

14.3 In Accordance with IATA Not regulated for transport.

14.4 In Accordance with TDG Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Plastic Mold Cleaner (AFCO 3362)	
SARA Section 311/312 Hazard Classes	NA
Sodium hexametaphosphate (68915-31-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Sodium bicarbonate (144-55-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Pentasodium triphosphate (7758-29-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Alcohols, C8-10, ethers with polyethylene-polypropylene glycol monobenzyl ether (68154-99-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Benzyl-polyethylene Glycol tert-octyl phenyl ether (60864-33-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

US State Regulations

Sodium hexametaphosphate (68915-31-1)	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Massachusetts - Right To Know List	
RTK - U.S. - Pennsylvania - RTK (Right to Know) List	
Pentasodium triphosphate (7758-29-4)	
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances	
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances	
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
RTK - U.S. - Pennsylvania - RTK (Right to Know) List	
U.S. - Texas - Effects Screening Levels - Long Term	
U.S. - Texas - Effects Screening Levels - Short Term	

Canadian Regulations

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WHMIS Classification	None
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Sodium hexametaphosphate (68915-31-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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Sodium bicarbonate (144-55-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Class D Division Subdivision B - Toxic material causing other toxic effects
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Pentasodium triphosphate (7758-29-4)

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WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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Benzyl-polyethylene Glycol tert-octyl phenyl ether (60864-33-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 12/30/2014

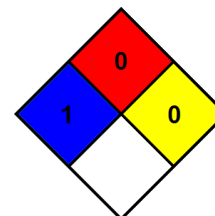
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Skin Corr. 2	Skin corrosion/irritation Category 2
Skin Irrit. 3	Skin corrosion/irritation Category 3
H315	Causes skin irritation
H316	Causes mild skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation

NFPA Health Hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA Fire Hazard : 0 - Materials that will not burn.

NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Party Responsible for the Preparation of This Document

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Chambersburg, PA 17201
800-345-1329

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS 2